Huntington GIS 35GIS05 7

CONTRACT CHANGE ORDER
No. 2004.016-01

PROJECT NAME: IDEM Section 319 Grant GIS Elements **TSC JOB NO. 2004.016**

RE: Professional Services Agreement between Huntington County Commissioners ("Owner") and The Schneider Corporation ("Schneider") dated 1/22/01 and 2/3/01 respectively.

Reason for Change:

Requested by Owner.

SCOPE OF SERVICES

Addition(s) to "Scope of Services - Attachment A" to said Agreement:

Assessor's Property Code Layer – $15,000
The existing parcel layer will be the starting point for this layer. We will acquire a new data dump from the Assessor's system and link it to the parcels. Once this is complete, each parcel will inherit a Property Code attribute. With that code, we will generalize all parcels into larger, property type polygons, such as commercial, industrial, agricultural, residential, etc. This will become a new countywide layer.

We will also provide an application that will easily allow you to create a new layer whenever you feel it is appropriate. This is important due to the nature of parcel maintenance – parcels change status and are constantly undergoing change as splits, combinations, and new subdivisions change landscape. You will have a need to consistently generalize the parcels into this layer as needed.

Population Density - $8,000
Huntington County will acquire geographic census data at the block group level or block level where available. The attributes of the census data contain population data that will geographically locate population densities, as well as a multitude of demographics about the population. We will guide the County through the process of purchasing this data from a commercial off-the-shelf (COTS) data vendor. The County will then forward the datasets to Schneider. Our process will include adjusting the geographic features to match the County's basemap and teaching the County how to use this valuable dataset. We will include training on how to update this layer as new census data becomes available over time. The benefit of this layer will be the ability to map the population density in the County and to use this polygon layer in geographic analyses with other GIS layers.

Large Paved Surfaces - $9,160
To aid the analysis of storm water runoff, we will map large paved surfaces throughout the County. This new polygon layer will identify all paved surfaces that are larger than a predetermined amount of square footage. Owner will identify the minimum amount of square footage of pavement to be mapped.

Additional GIS System and Layers Maintenance, Training, and Technical Support - $8,015
Schneider will provide all GIS maintenance, training, and technical support for the year 2001 at the new not-to-exceed amount. The services under this phase of the contract will be provided as needed, but the total amount of services will not exceed the proposed amount. All services will be in accordance with the goal of keeping the data as current and accurate as possible and keeping the system running efficiently and providing citizens with user-friendly, 24/7 access. Examples of services that can be used are:

- Software training for data maintenance
- On-site and telephone technical support
- Custom applications development
- Existing layers modification

Deletion(s) from "Scope of Services - Attachment A" to said Agreement:

Filter Strips, Grassed Waterways, and Rock Chutes

To build these layers we will use information from the Farm Service Agency. There are two sources of information there – aerial maps and paper files. The aerial maps have the strips hand drawn on them, but at that scale the distances are not reliable. The maps also have an ID number on it and a program number for each parcel that participates.

Each participating parcel has a corresponding yellow file folder. In this folder, amongst many papers, are two important pieces of the puzzle. There is a smaller map that has more information on it, which in some cases has the dimensions. Also, there is a card that contains the parcel number, owner name, and dimensions "width x length" of each strip.

As you can see, the necessary information is not in one source and we will have to copy the different source materials. Here is the process that we are proposing:

- Out of each yellow program folder, we will copy the smaller map and the card. There are about 300 folders.
- From the Courthouse, copy each aerial map (about 400?). They will have to be copied in batches as the FSA thought they had better not let them all out of their office at once.

- Correlate each aerial with the corresponding cards and smaller maps for each parcel on the aerial that is in the program.
- Draw the filter strips, grassed waterways, and rock chutes for each aerial individually.
- Add the attributes of Type, Width, and Length as they are drawn onto the new layer.
- Build topology and create shapefiles.

The filter strips and grassed waterways will be in one countywide polygon theme. These will be identified using the Type attribute. Rock chutes will be contained in one countywide point theme identifying their locations with no attributes.

FEE SCHEDULE

Original Fee for Services as outlined in "Fee Schedule -- Attachment B" to said Agreement:

Prior adjustments:
None

Fee Additions by this Change Order:	
Assessor's Property Code Layer:	$15,000
Population Density:	$8,000
Large Paved Surfaces:	$9,160
Additional GIS System and Layers Maintenance, Training, and Technical Support:	$8,015

Fee Deletions by this Change Order:	
Filter Strips, Grassed Waterways, and Rock Chutes:	$40,175

Final Adjusted Fee:

$40,175

OWNER
Huntington County Commissioners

By: Richard Brubaker
Print: Richard Brubaker
Title: President Bd Cmmrs.
Date: 4/23/01

Schneider
The Schneider Corporation

By: Eric A. Torok
Print: Eric A. Torok
Title: Director, GIS
Date: April 21, 2001

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